

101566 007 02-28-06

JCM

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Applicant(s): Gunn, et al.

Docket No.

16011.1.1a.1

Application No.

Unknown

101566,007

Filing Date

01/25/2006

Examiner

Unknown

Customer No

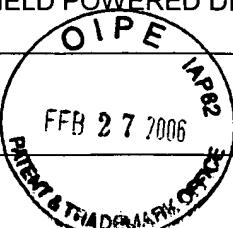
22,913

Group Art Unit

Unknown

Invention:

BODY CAPACITANCE ELECTRIC FIELD POWERED DEVICE FOR HIGH VOLTAGE LINES



I hereby certify that the following correspondence:

Information Disclosure Statement

(Identify type of correspondence)

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

February 27, 2006

(Date)

Patrick D. Lorimer

(Typed or Printed Name of Person Mailing Correspondence)

(Signature of Person Mailing Correspondence)

EV 758365556 US

("Express Mail" Mailing Label Number)

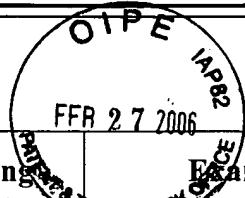
Note: Each paper must have its own certificate of mailing.

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 197(b) or 1.97(c))

Docket No.
 16011.1.1a.1

In Re Application Of:

Gunn, et al.



Application No.	Filing Date	Examiner	Customer No	Group Art Unit	Confirmation No.
Unknown	01/25/2006	Unknown	22,913	Unknown	Unknown

Title:

BODY CAPACITANCE ELECTRIC FIELD POWERED DEVICE FOR HIGH VOLTAGE LINES

Address to:
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

37 CFR 1.97(b)

1. The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.

37 CFR 1.97(c)

2. The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:
 - the statement specified in 37 CFR 1.97(e);

OR

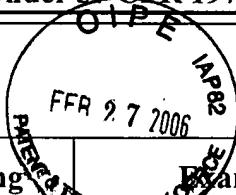
- the fee set forth in 37 CFR 1.17(p).

TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
 (Under 37 CFR 197(b) or 1.97(c))

Docket No.
 16011.1.1a.1

In Re Application Of:

Gunn, et al.



Application No.	Filing Date	Examiner	Customer No	Group Art Unit	Confirmation No.
Unknown	01/25/2006	Unknown	22,913	Unknown	Unknown

Title:

BODY CAPACITANCE ELECTRIC FIELD POWERED DEVICE FOR HIGH VOLTAGE LINES

Payment of Fee

(Only complete if Applicant elects to pay the fee set forth in 37 CFR 1.17(p))

- A check in the amount of \$ _____ is attached.
- The Director is hereby authorized to charge and credit Deposit Account No. 22,913 as described below.
 - Charge the amount of \$ _____.
 - Credit any overpayment.
 - Charge any additional fee required.
- Payment by credit card. Form PTO-2038 is attached.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Certificate of Transmission by Facsimile*

I certify that this document and authorization to charge deposit account is being facsimile transmitted to the United States Patent and Trademark Office (Facsimile Number (571) 273-8300)

(Date)

Signature

Typed or Printed Name of Person Signing Certificate

*This certificate may only be used if paying by deposit account.

Certificate of Mailing by First Class Mail

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to "Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450" [37 CFR 1.8(a)] on

2-27-06

(Date)

Signature

Patrick D. Lorimer

Typed or Printed Name of Person Mailing Certificate

R. Burns Israelsen
Signature

Dated: *February 21*, 2006

R. Burns Israelsen
 Attorney for Applicant
 Registration No. 46,285
 Customer No. 022913

VIA FASCIMILE

PATENT APPLICATION
Docket No: 16011.1.1a.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)
Gunn, et al.)
Serial No.: Unknown) Art Unit
Confirmation No.: Unknown) Unknown
Filed: January 25, 2006)
For: BODY CAPACITANCE ELECTRIC FIELD)
POWERED DEVICE FOR HIGH VOLTAGE)
LINES)

INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Please find, pursuant to 37 C.F.R. § 1.98(a)(1), the enclosed Form PTO-1449 which contains a list of all patents, publications, or other items that have come to the attention of one or more of the individuals designated in 37 C.F.R. § 1.56(c). While no representation is made that any of these references may be "prior art" within the meaning of that term under 35 U.S.C. §§ 102 or 103, the enclosed list of references is disclosed so as to fully comply with the duty of disclosure set forth in 37 C.F.R. § 1.56.

Moreover, while no representation is made that a specific search of office files or patent office records has been conducted or that no better art exists, the undersigned attorney of record

believes that the enclosed art is the closest to the claimed invention (taken in its entirety) of which the undersigned is presently aware, and no art which is closer to the claimed invention (taken in its entirety) has been knowingly withheld.

In accordance with 37 C.F.R. §§ 1.97 and 1.98, a copy of the listed non-U.S. patent references or relevant portion thereof is also enclosed.

In accordance with 37 C.F.R. § 1.98(c), all English translations within the possession, custody, control or availability of anyone designated in 37 C.F.R. § 1.56(c) of each non-English reference, if any, are also enclosed.

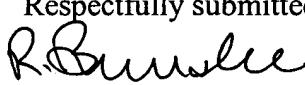
Statement of Relevance of References Listed
Unaccompanied by English Translation
Under 37 C.F.R. § 1.98(a)(3)

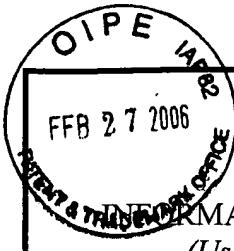
In accordance with 37 C.F.R. § 1.98(a)(3), the following concise explanation of the relevance of each listed reference that is not in the English language and unaccompanied by a translation into English is provided.

STATEMENT UNDER 37 CFR 1.97(e)(1)

This Information Disclosure Statement is being filed within three months of the filing date of the Application or before a first Office Action on the merits has been received, therefore, no fee is believed to be due.

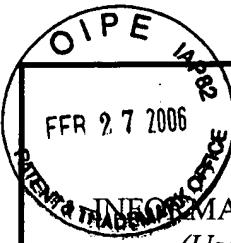
DATED: February 27, 2006.

Respectfully submitted,

R. BURNS ISRAELSEN
Attorney for Applicant
Registration No. 42,685
Customer No. 022913



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 16011.1.1A.1	Application Number Unknown
	Applicant(s) Gunn, et al.	
	Filing Date 01/25/2006	Group Art Unit Unknown

U.S. PATENT DOCUMENTS					
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	FILING DATE IF APPROPRIATE
		4,758,962	07/19/1988	Fernandez	
		4,709,399	11/24/1987	Sanders	
		06/795,226	ABANDONED	Fernandes	
		5,705,905	01/06/1998	Wood	
		5,656,931	08/12/1997	Lau, et al	
		3,477,024	11/04/1969	Pelta	
		4,009,477	02/22/1977	Rozylowicz	
		4,233,546	11/11/1980	Berthiaume	
		4,384,289	05/17/1983	Stillwell et al.	
		4,611,207	09/09/1986	Anderson et al.	
		4,724,381	02/09/1988	Crimmins	
		4,791,361	12/13/1988	Beihoff et al.	
		4,795,973	01/03/1989	Smith-Vaniz et al.	
		4,799,005	01/17/1989	Fernandes	
		4,829,298	05/01/1989	Fernandes	
		4,886,980	12/12/1989	Fernandes et al.	
		4,894,785	01/16/1990	Fernandes	
		5,181,026	01/19/1993	Granville	
		5,235,861	08/17/1993	Seppa	
		5,448,138	09/05/1995	Staggs	
		5,517,864	05/21/1996	Seppa	
		5,559,430	09/24/1996	Seppa	
		5,808,424	09/15/1998	Osgood	
		5,918,288	06/29/1999	Seppa	
		6,470,283 B1	10/22/2002	Edel	



INFORMATION DISCLOSURE CITATION <i>(Use several sheets if necessary)</i>	Docket number (Optional) 16011.1.1a.1	Application Number Unknown
	Applicant(s) Gunn, et al.	
	Filing Date 01/25/2006	Group Art Unit Unknown

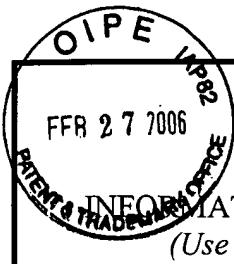
		6,671,635 B1	12/30/2003	Forth et al.	
		2001/0015149 A1	08/23/2001	Montambault et al.	
		2003/0200038 A1	10/23/2003	Schweitzer, III et al.	
		646,859	11/11/2003	Vahamaki, et al.	

FOREIGN PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	COUNTRY
		WO 00/52483	09/08/2000	PCT
		WO 02/082105 A1	10/17/2002	PCT
		WO 2004/068151 A1	08/12/2004	PCT

OTHER DOCUMENTS

*EXAMINER INITIAL	REF	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Andrew Klimek, B.Sc., M.Sc., "Optical Technology: A New Generation of Instrument Transformer." Electricity Today, Ontario Canada, March 2003, pp 38-39.
		K.E. Holbert and G.T. Heydt, "Prospects for Dynamic Transmission Circuit Ratings," IEEE International Symposium on Circuits and Systems (ISCAS), Sydney, Australia, May 2001, vol. 3, pp 205-208.
		E. F. Donaldson et al., "Autonomous Current Sensing for High Voltage Systems with Auxiliary Optical Energisation," Sensor Review, England. April 2001, February 2001, pp 126-132.
		N.D. Sadanandan et al., "Power Donut System Laboratory Test and Data Analysis," IEEE: Proceedings – 1990 Southeastcon, New Orleans, LA, March 1990, pp 675 – 679.
		Engelhardt et al., "Design, Installation and Field Experience with an Overhead Transmission Dynamic Line Rating System," IEEE 1995, pp 366-370.
		U.S. Department of Transportation; Federal Aviation Administration, "Advisory Circular AC70/7460-1K: Obstruction Marking and Lighting," August 2000, pp 1-34 Appendices 1 and 2.



FFB 27 2006 PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		Docket number (Optional) 16011.1.1a.1	Application Number Unknown
		Applicant(s) Gunn, et al.	
		Filing Date 01/25/2006	Group Art Unit Unknown

		U.S. Department of Transportation; Federal Aviation Administration, "Advisory Circular AC150/5345-43E: Specification for Obstruction Lighting Equipment," October 1995, pp 1-16.
		Analog Devices, "Single-Phase Multifunction Metering IC with di/dt Sensor Interface," ADE 7753, 2003.
		Departamento de Engenharia de Linhas de Transmissão – ER/LT, GLT/16, Grupo III, Grupo De Estudos De Linhas De Transmissão (GLT), Aumento Da Capacidade De Transmissão DE Linhas Aé, utilizando Cabo CAA De Liga De Alumínio Termorresistente.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.